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Attorney Docket No. Mrcofe-2-4277

Application Serial No. 10/814,091

AMENDMENTS TO THE CLAIMS

In accordance with the revised format for making amendments as set forth in 37 C.F.R. § 1.121 and the requirement for the inclusion of a listing of the claims, below is a listing of claims amendments to which are made with additions being indicated by way of underlining and deletions being indicated by way of strikethroughs. Additionally, each claim is provided with a status identifier in parenthetical immediately following its respective claim number.

1. (Previously Amended) A portable compact kitchen apparatus adapted for home use for the low volume manufacture of an infusion pod having a flange formed of two layers of filter material, said apparatus comprising:

a mold having a depression therein, the depression bounded by an opening and defining the shape of the bottom of the infusion pod, the opening of said depression being rimmed about with a mold sealing surface;

a form comprising an integral bolt and a bolt carrier movable together, the bolt being movable relative to the bolt carrier and defining a protrusion in substantial conformity to the shape of the depression, the protrusion being dimensioned and shaped as a dual function press to press a sheet of filter material into the depression and to pack an infusible material provided in the depression;

a bolt carrier sealing surface having a surface topography in substantial engaging conformity with the mold sealing surface; and

Attorney Docket No. Mrcofc-2-4277

Application Serial No. 10/814,091

wherein the form is axially moveable relative to the mold to repeatedly bring the form into contact with the mold in such a manner as to bring the mold sealing surface and the bolt carrier sealing surface into juxtaposition while simultaneously bringing the bolt into the depression and pressing the two layers of filter material between the mold sealing surface and the bolt carrier surface.

2. (Previously Amended) The apparatus of claim 1 further comprising a resilient member biasing the bolt outwardly from the bolt carrier to conform the sheet of filter material to the shape of the depression and mold sealing surface so as to create a flanged filter cup in a cupping operation.
3. (Previously Amended) The apparatus of claim 2 wherein the resilient member is a spring.
4. (Original) The apparatus of claim 1 wherein the bolt is slidably mounted within the bolt carrier.
5. (Original) The apparatus of claim 4 wherein the bolt is slidably mounted within a channel defined by the bolt carrier and wherein the carrier sealing surface is rimmed about an opening of the channel.
6. (Original) The apparatus of claim 2 wherein the infusion material is coffee.
7. (Original) The apparatus of claim 1 wherein the filter material is a woven thermoplastic.

Attorney Docket No. Mrcofc-2-4277

Application Serial No. 10/814,091

8. (Original) The apparatus of claim 1 wherein the filter material is filter paper.
9. (Original) The apparatus of claim 1, wherein said form is manually axially moveable relative to the mold.
10. (Original) The apparatus of claim 1, wherein said appliance is a portable unit adapted to operate on a kitchen countertop.
11. (Previously Amended) A low volume method of manufacturing an infusion pod, comprising the steps of:
 - providing a portable compact kitchen appliance adapted for home use comprising a mold having a depression therein, the depression defining the shape of the bottom of the infusion pod, the opening of the depression rimmed about with a mold sealing surface;
 - providing a form, comprising a bolt and a bolt carrier, the bolt defining a protrusion in substantial interfitting conformity to the shape of the depression;
 - the bolt carrier, comprising:
 - a resilient member biasing the bolt such that the bolt is resiliently mounted to the bolt carrier for applying a predetermined compressive force to a brewable infusible material;
 - and
 - a bolt carrier sealing surface having a surface topography in substantial conformity

Page 5 of 14

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Attorney Docket No. Mrcofe-2-4277

Application Serial No. 10/814,091

with the mold sealing surface;

wherein the bolt carrier is axially moveably mounted relative to the mold to bring the form into contact with the mold in such a manner as to bring the mold sealing surface and the bolt carrier sealing surface into compressive contact with a filter material while simultaneously bringing the bolt and the depression into compressive contact with the filter material and wherein said kitchen appliance is further adapted for low volume household user production of said infusion pod; and

wherein the resilient member has a spring coefficient high enough to conform the filter material to the shape of the depression and mold sealing surface so as to create a flanged filter cup in a cupping operation;

executing a cupping operation by forming a depression in said filter material with said bolt;

executing a filling operation by filling said depression with an infusible material; and

simultaneously executing a sealing operation on said filter material and a packing operation on said infusible material, said sealing operation including pressing the filter material between the mold sealing surface and the bolt carrier sealing surface to form a flange on said filter material around said pod.

12. (Previously Amended) The method of claim 11 wherein said cupping operation comprises the steps of:

positioning a first sheet of filter material between the form and the mold;

bringing the form into compressive contact with the mold so as to create a flanged filter cup in the cupping operation; and

Attorney Docket No. Mrcofc-2-4277

Application Serial No. 10/814,091

withdrawing the form from the mold, leaving the flanged filter cup in the mold.

13. (Cancelled).

14. (Previously Amended) The method of claim 11 wherein said sealing operation comprises:

positioning a second sheet of filter material between the form and the mold; and
executing the sealing operation by bringing the form into compressive contact with the mold
so as to seal the second sheet of filter material to the flanged filter cup around and about the flange,
thereby creating the infusion pod.

15. (Cancelled)

16. (Currently Amended) An infusion pod apparatus, comprising:

a mold rimmed about by a first sealing surface;
a bolt carrier rimmed about by a second sealing surface;
a bolt carried by said bolt carrier;
a first layer of filter material in said mold;
an infusible material on said first layer of filter material;
a second layer of filter material on said infusible material;
a flange surrounding said infusible material, said flange clamped between said first and
second sealing surfaces and formed by said first and second layers; and

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Attorney Docket No. Mrcofc-2-4277

Application Serial No. 10/814,091

wherein said bolt simultaneously presses pressing against said second layer and thereby packs pressing said infusible material within into said mold.

In making the above amendments, no new matter is added.

Page 8 of 14

G:\Legal\WPDATA\CDucker\Office Responses\Mrcofc-2-4277\11-13-06 Response and Amendment.doc